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Search report

10/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

013010934 **Image available**
WPI Acc No: 2000-182786/200016
XRPX Acc No: N00-134752

**Automatic teller machine cash dispensing documents handling for
operating without aid of teller by evaluating biometric data from user
against stored biometric data relative to user**

Patent Assignee: CAPITAL SECURITY SYSTEMS INC (CAPI-N)
Inventor: GUSTIN R H; LIVINGSTON T W; PARK N; SHEKOORY N
Number of Countries: 086 Number of Patents: 003
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|--------------|------|----------|--------------|------|----------|----------|
| WO 200005667 | A2 | 20000203 | WO 99US15446 | A | 19990708 | 200016 B |
| AU 9948678 | A | 20000214 | AU 9948678 | A | 19990708 | 200029 |
| EP 1095350 | A2 | 20010502 | EP 99932355 | A | 19990708 | 200125 |
| | | | WO 99US15446 | A | 19990708 | |

Priority Applications (No Type Date): US 98113913 A 19980710

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|--|------|-----|-----|-------------|------------------------------|
| WO 200005667 | A2 | E | 184 | G06F-017/60 | |
| Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW | | | | | |
| Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW | | | | | |
| AU 9948678 | A | | | G06F-017/60 | Based on patent WO 200005667 |
| EP 1095350 | A2 | E | | G06F-017/60 | Based on patent WO 200005667 |
| Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE | | | | | |

**Automatic teller machine cash dispensing documents handling for
operating without aid of teller by evaluating biometric data from user
against stored biometric data relative to user**

Abstract (Basic):

... The method involves taking **biometric** data from a user at a machine. The **biometric** data from the user is evaluated against stored **biometric** data relative to the user for qualifying the user prior to **dispensing** cash to the user.

... a) a method for automated banking for **dispensing** cash to a system user without a teller...

...b) an automated machine for automated document handling system for making bank **deposits** with a monetary documents...

...c) an automated banking system for receiving cash from a user and for **dispensing** cash to user...

...d) a system for automatic cashing of checks or making **remittance** transactions without the aid of bank teller...

...to the document, and to the bank parameters and rules that cash can be securely **dispensed** to the user as a result of the cashing of payroll or third party **remittances** or the **paying** of **bills**. The confidence levels should be such as would normally be achieved or approach those in...

Search report

...biometric recognition engine (1029B...
 ...biometric characteristic input (1029A...
 ...Title Terms: **DISPENSE** ;

10/3,K/2 (Item 2 from file: 350)
 DIALOG(R) File 350:Derwent WPIX
 (c) 2001 Derwent Info Ltd. All rts. reserv.

012275360 **Image available**
 WPI Acc No: 1999-081466/199907
 XRPX Acc No: N99-058555

Document reading system for extended banking facilities - has document reader for cheques and money orders allowing cashing of cheques, payment of bills and transfers of money
 Patent Assignee: CAPITAL SECURITY SYSTEMS INC (CAPI-N)
 Inventor: GUSTIN R H; LIVINGSTON T W; PARK N
 Number of Countries: 082 Number of Patents: 006
 Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|--------------|------|----------|----------|
| WO 9859308 | A1 | 19981230 | WO 98US10788 | A | 19980527 | 199907 B |
| AU 9876978 | A | 19990104 | AU 9876978 | A | 19980527 | 199921 |
| US 5897625 | A | 19990427 | US 97866139 | A | 19970530 | 199924 |
| US 5987439 | A | 19991116 | US 97865691 | A | 19970530 | 200001 |
| US 6012048 | A | 20000104 | US 97866140 | A | 19970530 | 200008 |
| EP 992012 | A1 | 20000412 | EP 98924920 | A | 19980527 | 200023 |
| | | | WO 98US10788 | A | 19980527 | |

Priority Applications (No Type Date): US 97866140 A 19970530; US 97865691 A 19970530; US 97866139 A 19970530

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|---|------|--------|-------------|----------------------------|
| WO 9859308 | A1 | E 133 | G06F-017/60 | |
| Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW | | | | |
| Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW | | | | |
| EP 992012 | A1 | E | G06F-017/60 | Based on patent WO 9859308 |
| Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE | | | | |
| AU 9876978 | A | | G06F-017/60 | Based on patent WO 9859308 |
| US 5987439 | A | | G06F-017/60 | |
| US 6012048 | A | | G06F-017/60 | |
| US 5897625 | A | | G06F-017/60 | |

... has document reader for cheques and money orders allowing cashing of cheques, payment of bills and transfers of money

...Abstract (Basic): additional features. The machine has a scanner (58) that can obtain images of cheques or bills to be paid. Conventional magnetic and/or smart card readers (22), and cash dispensers (30) are provided. Facilities (87-89) are provided to dispense various money items, e.g. smart cards, stamps, tickets...

...In addition to normal ATM services, the machine can scan cheques and provide cash payment of the cheque. Bills can be scanned and payment

Search report

made from smart cards or...
...Title Terms: **TRANSFER** ;

10/3,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

012231154 **Image available**
WPI Acc No: 1999-037261/199904
XRPX Acc No: N99-028103

Reader and/or writer apparatus in communication system - has spiral or coil antenna for generating electromagnetic field to supply integrated circuit card and transmit signals to reader/writer apparatus
Patent Assignee: HITACHI LTD (HITA); KOKUSAI ELECTRIC CO LTD (KOKZ); KOKUSAI DENKI KK (KOKZ); HAYASHI Y (HAYA-I); IGARASHI K (IGAR-I); SUGA T (SUGA-I); UESAKA K (UESA-I); YOSHINO R (YOSH-I)
Inventor: HAYASHI Y; IGARASHI K; SUGA T; UESAKA K; YOSHINO R
Number of Countries: 027 Number of Patents: 004
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|----------------|------|----------|---------------|------|----------|----------|
| EP 886232 | A2 | 19981223 | EP 98111200 | A | 19980618 | 199904 B |
| JP 11088036 | A | 19990330 | JP 98172477 | A | 19980619 | 199923 |
| US 6194993 | B1 | 20010227 | US 98100325 | A | 19980619 | 200114 |
| US 20010000659 | A1 | 20010503 | US 98100325 | A | 19980619 | 200126 |
| | | | US 2000742079 | A | 20001222 | |

Priority Applications (No Type Date): JP 97164759 A 19970620
Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|--|------|-----|----|-------------|--|
| EP 886232 | A2 | E | 21 | G06K-007/08 | |
| Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI | | | | | |
| JP 11088036 | A | | 14 | H01Q-007/00 | |
| US 6194993 | B1 | | | H04Q-005/22 | |
| US 20010000659 | A1 | | | H04Q-005/22 | Cont of application US 98100325 Cont of patent US 6194993 |

...Abstract (Basic): circuits (212,216) and a microcomputer (214) with a built-in memory for processing and **transfer** of data and for receiving power from a power supply circuit. If the antenna is...

...USE - Communications with **cash dispensers , ATM ,** automatic ticket **check** system, room entry management system and pay telephone...

10/3,K/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

011932247 **Image available**
WPI Acc No: 1998-349157/199831
XRPX Acc No: N98-272472

Automated computer approved check cashing system e.g. for cashing authorised from assigned payee - has assigned payee can cash authorised negotiable instrument, by reading specified data from instrument with its magnetic content as applicable by obtaining data from customer's keyboard entry and reading data from patron card
Patent Assignee: SHAH D V (SHAH-I)
Inventor: SHAH D V

Search report

Number of Countries: 002 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| CA 2211811 | A | 19980221 | CA 2211811 | A | 19970821 | 199831 B |
| US 6129273 | A | 20001010 | US 9624268 | A | 19960821 | 200052 |
| | | | US 97915903 | A | 19970821 | |
| | | | US 98161582 | A | 19980928 | |

Priority Applications (No Type Date): US 9624268 A 19960821; US 97915903 A 19970821; US 98161582 A 19980928

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|----|-------------|--|
| CA 2211811 | A | | 16 | G06F-017/60 | |
| US 6129273 | A | | | G06K-005/00 | Provisional application US 9624268 CIP of application US 97915903 |

...Abstract (Basic): banking information and to check the magnetic ink content from the MICR line. A cash **dispenser** **dispenses** currency and coins for approval to the instrument. A main computer is preprogrammed to receive...

...reader/checker, to get approval of an acceptance of the instrument and drive the cash **dispenser** upon approval...

...ADVANTAGE - Provides means to cash authorised negotiable instruments to assigned payee' through automated computer approved. **Checks** **cashing** system similar to bank **teller** **machine** that provides **cash** from customer's account as well as accepts unscreened packages through provided slots...

10/3,K/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

011885634 **Image available**

WPI Acc No: 1998-302544/199827

XRPX Acc No: N98-237120

Automatic cash transaction machine with cheque issue function for financial institution e.g. bank - includes delivery unit which issues next cheque immediately after issue of previous cheque, without waiting for validation result from validation unit

Patent Assignee: HITACHI LTD (HITA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| JP 10105797 | A | 19980424 | JP 96258281 | A | 19960930 | 199827 B |

Priority Applications (No Type Date): JP 96258281 A 19960930

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-------------|------|-----|----|-------------|--------------|
| JP 10105797 | A | | 7 | G07D-013/00 | |

Automatic cash transaction machine with cheque issue function for financial institution e.g. bank...

10/3,K/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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Search report

010901818 **Image available**

WPI Acc No: 1996-398769/199640

XRPX Acc No: N96-336050

Cash monitoring method for cash handling appts. e.g. automated teller machine - by exhibiting accumulated total of available cash in each group of automated teller machines on display screen of display device

Patent Assignee: OKI ELECTRIC IND CO LTD (OKID)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|-------------|
| JP 8194759 | A | 19960730 | JP 956675 | A | 19950119 | 199640 B |

Priority Applications (No Type Date): JP 956675 A 19950119

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|------------|------|--------|-------------|--------------|
| JP 8194759 | A | 6 | G06F-019/00 | |

...Abstract (Basic): USE/ADVANTAGE - For e.g. store and bank. Monitors available **cash** in numerous automated **teller machines** without having to manually **check** each **ATM** and so reduces workload of operator...

10/3,K/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

010180381 **Image available**

WPI Acc No: 1995-081634/199511

XRPX Acc No: N95-064645

Human facial features based identification and verification system - has device for retrieving human facial image projections character from user device

Patent Assignee: NEURNETICS LTD (NEUR-N)

Inventor: ARNDT C M; DEBAN A F; TUMEY D M; XU T

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|-------------|
| US 5386103 | A | 19950131 | US 9387657 | A | 19930706 | 199511 B |

Priority Applications (No Type Date): US 9387657 A 19930706

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|------------|------|--------|-------------|--------------|
| US 5386103 | A | 12 | G06F-015/30 | |

Human facial features based identification and verification system...

...has device for retrieving human facial image projections character from user device

...Abstract (Basic): The system includes user device for presenting and storing human **facial** image projection character, device for retrieving the human **facial** image projection character from user device and capable of manipulation of the projection character to produce an output signal indicative of a human **facial** feature for use in verification of the user...

...The retrieving device includes universal **face** space memory indicative of **facial** features for a non-homogeneous population and the device

Search report

generates an output signal by projecting the human **facial** image projection character into the universal **face** space memory...

...USE/ADVANTAGE - In automated banking system, e.g. for **cashing** e.g. **checks** where user operates automated **teller machine**, in cooperation with manned teller post participating in verification process of customer or for controlling...

...Title Terms: **FACE** ;

10/3,K/8 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

004788093

WPI Acc No: 1986-291434/198644

XRPX Acc No: N86-217594

Teller-assisted, customer-operated ATM document cashing system - presents image of check to display at teller station and decision is implemented by actuation of function key

Patent Assignee: NCR CORP (NATC)

Inventor: GRANZOW R H; MYERS K I

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| US 4617457 | A | 19861014 | US 83562786 | A | 19831219 | 198644 B |

Priority Applications (No Type Date): US 83562786 A 19831219

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|------------|------|--------|----------|--------------|
| US 4617457 | A | 14 | | |

Teller-assisted, customer-operated ATM document cashing system...

...Abstract (Basic): a computer for storing data associated with users. A machine performs financial transactions including the **dispensing** of cash. The machine identifies a user and entering data including the monetary amt. about...

...The received document is movable into operative relationship with the **image** data generator. An **evaluator** enables a teller in the system to evaluate the document and the user, and includes...

10/3,K/9 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

004780945

WPI Acc No: 1986-284286/198643

XRPX Acc No: N86-212242

Automatic teller machine with bill transaction issue feature - uses same bill inserted in slot for payment from specific account, for printing of receipt data for return to user

Patent Assignee: ANONYMOUS (ANON)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-----------|------|----------|-------------|------|----------|----------|
| TP 98603 | A | 19860925 | TP 8698603 | A | 19860920 | 198643 B |

Search report

Priority Applications (No Type Date): TP 8698603 A 19860920

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|----------|--------------|
| TP 98603 | A | | 1 | | |

...Abstract (Basic): In an Automated **Teller Machine (ATM)** with **check deposit /cashing** mechanism, a programming change creates a **bill payment** feature in which the bill is imprinted and returned to the user as a receipt...

...An **ATM** with **check deposit /cashing** capability includes a printed which prints transaction data on the check inserted by the user, and then places the check in a **depository**. This mechanism has the ability to back out an inserted check through the insertion slot...

...is readily apparent that reprogramming to make use of this back out capability creates a **bill paying** feature in which the user requests that a **bill** be **paid** from a specific valid account and inserts the bill in the **check** slot. The **ATM** feeds the bill in to the print station, carries out the transaction, prints receipt data...

...to the user. The transition is the same as has been utilised for ATM account **transfers** for **bill paying** application, with the added advantage of giving the user payment verification on the bill itself.

...Title Terms: **DISPENSE**

10/3,K/10 (Item 10 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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004603108

WPI Acc No: 1986-106452/198616

XRPX Acc No: N86-078239

Teller-assisted, customer-operated ATM cheque cashing system - uses data entered by customer and scan read to access stored data used to evaluate cheque negotiability

Patent Assignee: NCR CORP (NATC)

Inventor: FILLIMAN M D; GRANZOW R H; MYERS K L

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|------|----------|
| US 4580040 | A | 19860401 | | | | 198616 B |

Priority Applications (No Type Date): US 83538718 A 19831003

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|----|----------|--------------|
| US 4580040 | A | | 13 | | |

Teller-assisted, customer-operated ATM cheque cashing system...

...Abstract (Basic): The system has a machine which performs financial transactions including **dispensing** of cash. The machine identifies a user of the machine and information about the cheque...

...device to enable data entered at the machine to be displayed and to initiate the **dispensing** of cash upon satisfactory evaluation of cheque and user...

10/3,K/11 (Item 11 from file: 350)

Search report

DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

002156070

WPI Acc No: 1979-H6012B/197936

Automatic cash dispensing machine - uses terminal data storage and enables access to master data storage when customer identification card data is cleared

Patent Assignee: IBM CORP (IBMC)

Inventor: ANDERSON R W; BROCK S F; GEE M L

Number of Countries: 010 Number of Patents: 006

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|------|----------|
| EP 3756 | A | 19790905 | | | | 197936 B |
| US 4186871 | A | 19800205 | | | | 198007 |
| CA 1103352 | A | 19810616 | | | | 198129 |
| EP 3756 | B | 19810916 | | | | 198139 |
| DE 2960795 | G | 19811203 | | | | 198150 |
| IT 1164986 | B | 19870422 | | | | 198934 |

Priority Applications (No Type Date): US:78882529 A 19780301

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|-----------|------|--------|----------|--------------|
| EP 3756 | A | E | | |

Designated States (Regional): BE CH DE FR GB NL SE

| | | |
|---------|---|---|
| EP 3756 | B | E |
|---------|---|---|

Designated States (Regional): BE CH DE FR GB NL SE

Automatic cash dispensing machine...

...Abstract (Basic): A transaction execution system is for use, e.g. at a **cheque cashing** machine. It includes a **transaction terminal** (1) for approval of a transaction and a host data processing system (11) in communication...

...Title Terms: **DISPENSE** ;

10/3,K/12 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2001 JPO & JAPIO. All rts. reserv.

03928091 **Image available**

CARRIER LINE **CHECK METHOD FOR AUTOMATIC CASH TRANSACTION MACHINE**

PUB. NO.: 04-293191 [JP 4293191 A]

PUBLISHED: October 16, 1992 (19921016)

INVENTOR(s): SATO CHIE

WADA MASAHIKO

AWAZU KIYOTAKA

APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 03-082018 [JP 9182018]

FILED: March 20, 1991 (19910320)

JOURNAL: Section: P, Section No. 1495, Vol. 17, No. 105, Pg. 12, March 03, 1993 (19930303)

CARRIER LINE **CHECK METHOD FOR AUTOMATIC CASH TRANSACTION MACHINE**

ABSTRACT

... without generating trouble to a customer, with regard to the carrier

Search report

line check method for **transferring** out a sheet to the discharge path and checking a carrier line, with respect to...
...money, a message sheet 1 on which a message to a customer is printed is **transferred** out of the sheet housing part 37, carried through a paper money discharge path of...

10/3,K/13 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2001 JPO & JAPIO. All rts. reserv.

03871591 **Image available**
AUTOMATIC TELLER MACHINE

PUB. NO.: 04-236691 [JP 4236691 A]
PUBLISHED: August 25, 1992 (19920825)
INVENTOR(s): ODA AKIYOSHI
WADA MASAHICO
AWAZU KIYOTAKA
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 03-004629 [JP 914629]
FILED: January 18, 1991 (19910118)
JOURNAL: Section: P, Section No. 1464, Vol. 17, No. 4, Pg. 42, January
06, 1993 (19930106)

ABSTRACT

PURPOSE: To obtain the automatic **teller machine**, equipped with a detailed **check** function for working **cash**, which eliminates the need to pay attention to an appendage of a slip while shortening...

10/3,K/14 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2001 JPO & JAPIO. All rts. reserv.

02753976 **Image available**
AUTOMATIC CUSTOMER PROPERTY RETURNING SYSTEM AT THE TIME OF TROUBLE

PUB. NO.: 01-051576 [JP 1051576 A]
PUBLISHED: February 27, 1989 (19890227)
INVENTOR(s): MATSUMOTO SATORU
NISHIBORI KENJI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
KANSAI NIPPON DENKI SOFTWARE KK [490843] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 62-208534 [JP 87208534]
FILED: August 21, 1987 (19870821)
JOURNAL: Section: P, Section No. 883, Vol. 13, No. 253, Pg. 113, June
13, 1989 (19890613)

ABSTRACT

...CONSTITUTION: At the time of the trouble of the CD (**cash dispenser**) or the **ATM** (automatic teller), when the **check** of the propriety of the customer according to an interaction consisting of three types of.